

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER <b>186563/US/2/DJB/MFK</b>
	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/543122</b>

EXPRESS MAIL # EV 610216135 US  
EXPRESS MAIL DATE JULY 21, 2005

INTERNATIONAL APPLICATION NO. <b>PCT/US2004/002029</b>	INTERNATIONAL FILING DATE <b>26 January 2004 (26.01.2004)</b>	PRIORITY DATE CLAIMED <b>24 January 2003 (24.01.2003)</b>
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## TITLE OF INVENTION

**MODIFIED TRAFFICKING PATTERNS FOR ARRESTIN AND G-PROTEIN-COUPLED RECEPTORS VIA ARRESTIN-UBIQUITIN CHIMERA**

## APPLICANT(S) FOR DO/EO/US

**SHENOY, Sudha; LEFKOWITZ, Robert, J.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☒ has been transmitted by the International Bureau. [and/or]
  - ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not transmitted by the International Bureau).
  - ☐ had been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment
14. ☒ An Application Data Sheet under 37 CFR 1.76
15. ☐ A substitute specification
16. ☐ A power of attorney and/or change of address letter
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4)
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)
20. ☐ Other items or information:

JC-1 Rec'd PCT/PTO 21 JUL 2005

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21. The following fees have been submitted:				CALCULATIONS	PTO USE ONLY
<input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a)) <span style="float:right">\$300</span>				\$ 300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) <span style="float:right">\$0</span> All other situations <span style="float:right">\$200</span>				\$ 200	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) <span style="float:right">\$0</span> Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority <span style="float:right">\$100</span> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB <span style="float:right">\$400</span> All other situations <span style="float:right">\$500</span>				\$ 100	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 600</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium). (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100	/50 =		x \$250	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the commencement of the national stage (37 CFR 1.492(h)).				\$ 130	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	35 -20 =	15	x \$50	\$ 750	
Independent claims	6 -3 =		x \$200	\$ 600	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2080</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				<b>\$2080</b>	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2080</b>	
				Amount to be refunded:	\$
				charged:	\$
<input checked="" type="checkbox"/> A check in the amount of <b>\$2,080.</b> to cover the above fees is enclosed. <input type="checkbox"/> Please charge my Deposit Account No. <b>50-2319</b> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-2319 (469390-00352)</b> A duplicate copy of this sheet is enclosed.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
<b>SEND ALL CORRESPONDENCE TO:</b>		<b>CUSTOMER NUMBER 32940</b>			
<b>David J. Brezner</b>		Signature <i>David J. Brezner</i>			
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